

# INTERNATIONAL SEARCH REPORT

Internati Application No  
PCT/1B 03/01148

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G09G3/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 757 343 A (NAGAKUBO TETSURO) 26 May 1998 (1998-05-26)	1
Y	column 2, line 8 - line 56; figure 2 column 8, line 39 - column 10, line 7; figure 10	2-4
Y	EP 0 811 963 A (HITACHI LTD) 10 December 1997 (1997-12-10) column 6, line 7 - line 48 column 9, line 7 - line 18 column 9, line 51 - column 10, line 28; figure 11	2-4



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \* & \* document member of the same patent family

Date of the actual completion of the international search

16 June 2003

Date of mailing of the international search report

25/06/2003

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5757343	A	26-05-1998	JP	8286636 A	01-11-1996
EP 0811963	A	10-12-1997	JP	9325736 A	16-12-1997
			EP	0811963 A1	10-12-1997
			US	6115011 A	05-09-2000